

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit 1 copy to
appropriate
District Office
and 1 copy to
the Santa Fe Office

(Revised 3/9/94)

OK
DGF

12/22/04

PIT REMEDIATION AND CLOSURE REPORT

Operator: ConocoPhillips Company Telephone: (505)599-3400

Address: 5525 Hwy. 64 Farmington, NM 87401

Facility Or: Nickson #14 30-045-2074
Well Name

Location: Unit or Qtr/Qtr Sec D Sec 23 T 26N R 8W County San Juan

Pit Type: Separator X Dehydrator Other

Land Type: BLM X, State , Fee Other

Pit Location: Pit dimensions: length 25', width 25', depth 3'
(Attach diagram)

Reference: wellhead X, other

Footage from reference: 100'

Direction from reference: 20 Degrees East North
of
X West South X

Depth To Ground Water (Vertical distance from contaminants to seasonal high water elevation of ground water.)	Less than 50 feet	(20 points)
	50 feet to 99 feet	(10 points)
	Greater than 100 feet	(0 points) <u>0</u>

Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources.)	Yes	(20 points)
	No	(0 points) <u>0</u>

Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches.)	Less than 200 feet	(20 points)
	200 feet to 1000 feet	(10 points)
	Greater than 1000 feet	(0 points) <u>0</u>

RANKING SCORE (TOTAL POINTS): 0 pts.

Date Remediation Started: 12/7/04 Date completed: 12/7/04

Remediation Method: Excavation _____ Approx. cubic yards _____
(Check all appropriate sections.) Landfarmed _____ Insitu Bioremediation _____
Other _____

Remediation Location: Onsite _____ Offsite _____
(i.e. landfarmed onsite,
name and location of
offsite facility)

General Description of Remedial Action: _____

A 4-pt. composite soil sample was extracted from the walls of the pit at 5-ft. below ground level (2-ft below pit Bottom). A sample collected was from the center of at 10-ft below the ground level at refusal (bedrock).

The samples was analyzed for GRO/DRO and BTEX. All analyses were within BLM and NMOCD requirements

Ground Water Encountered: No X Yes _____ Depth _____

Final Pit:
Closure Sampling:
(if multiple samples,
attach sample results
and diagram of sample
locations and depths)

Sample location 4-pt. composite from walls of pit, 5-ft. below surface level (3-ft. below pit bottom) and at refusal 10-ft below ground surface

Sample depth sidewalls 2-ft. below pit bottom, center of pit at 4-feet

Sample Date 12/7/04 Sample time 1400

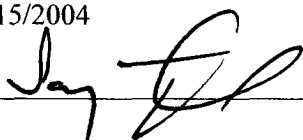
Sample Results	Sidewall Composite	Center
Benzene(ppm)	<u>0.0171 ppm</u>	<u>0.0239 ppm</u>
Total BTEX(ppm)	<u>0.205 ppm</u>	<u>0.451 ppm</u>
Field headspace(ppm)	<u>NA</u>	<u>NA</u>
TPH	<u>0.3 ppm</u>	<u>595ppm</u>

Ground Water Sample: Yes _____ No X (If yes, attach sample results)

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Date 12/15/2004

Signature



Printed Name Larry Trujillo
and Title Senior Environmental Specialist

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-113
Sample ID:	Four Walls Composite	Date Reported:	12-10-04
Laboratory Number:	31400	Date Sampled:	12-07-04
Chain of Custody:	13413	Date Received:	12-07-04
Sample Matrix:	Soil	Date Analyzed:	12-10-04
Preservative:	Cool	Date Extracted:	12-09-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	17.1	1.8
Toluene	24.7	1.7
Ethylbenzene	41.7	1.5
p,m-Xylene	81.8	2.2
o-Xylene	39.3	1.0
Total BTEX	205	

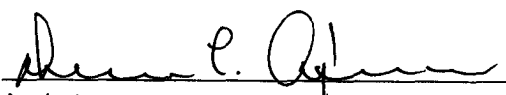
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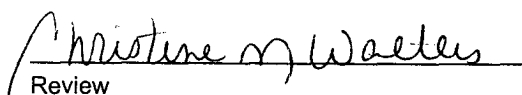
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	94 %
	1,4-difluorobenzene	94 %
	Bromochlorobenzene	94 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: Nickson #14.


Analyst


Review

ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8021 AROMATIC VOLATILE ORGANICS

Client:	ConocoPhillips	Project #:	96052-026-113
Sample ID:	Pit Bottom	Date Reported:	12-10-04
Laboratory Number:	31401	Date Sampled:	12-07-04
Chain of Custody:	13413	Date Received:	12-07-04
Sample Matrix:	Soil	Date Analyzed:	12-10-04
Preservative:	Cool	Date Extracted:	12-09-04
Condition:	Cool & Intact	Analysis Requested:	BTEX

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	23.9	1.8
Toluene	63.0	1.7
Ethylbenzene	80.7	1.5
p,m-Xylene	174	2.2
o-Xylene	109	1.0
Total BTEX	451	

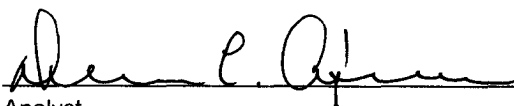
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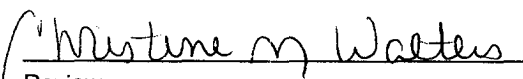
Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	94 %
	1,4-difluorobenzene	94 %
	Bromochlorobenzene	94 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

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Comments: Nickson #14.


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PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

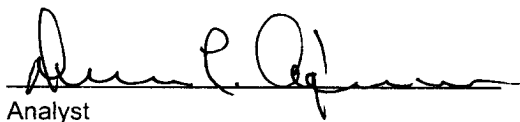
Client:	ConocoPhillips	Project #:	96052-026-113
Sample ID:	Four Walls Composite	Date Reported:	12-10-04
Laboratory Number:	31400	Date Sampled:	12-07-04
Chain of Custody No:	13413	Date Received:	12-07-04
Sample Matrix:	Soil	Date Extracted:	12-09-04
Preservative:	Cool	Date Analyzed:	12-10-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

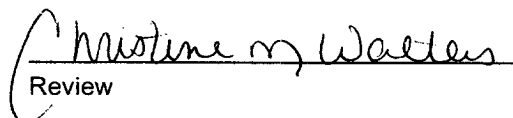
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	0.3	0.2
Diesel Range (C10 - C28)	ND	0.1
Total Petroleum Hydrocarbons	0.3	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Nickson #14.**


Analyst


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ENVIROTECH LABS

PRACTICAL SOLUTIONS FOR A BETTER TOMORROW

EPA METHOD 8015 Modified Nonhalogenated Volatile Organics Total Petroleum Hydrocarbons

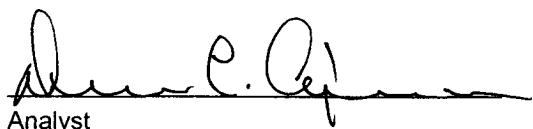
Client:	ConocoPhillips	Project #:	96052-026-113
Sample ID:	Pit Bottom	Date Reported:	12-10-04
Laboratory Number:	31401	Date Sampled:	12-07-04
Chain of Custody No:	13413	Date Received:	12-07-04
Sample Matrix:	Soil	Date Extracted:	12-09-04
Preservative:	Cool	Date Analyzed:	12-10-04
Condition:	Cool and Intact	Analysis Requested:	8015 TPH

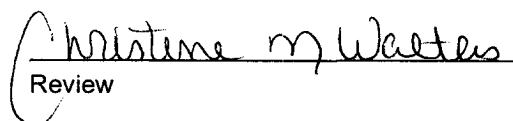
Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	305	0.2
Diesel Range (C10 - C28)	290	0.1
Total Petroleum Hydrocarbons	595	0.2

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Nickson #14.**


Analyst


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